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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS	3	MAR 16	CASREACT coverage extended
NEWS	4	MAR 20	MARPAT now updated daily
NEWS	5	MAR 22	LWPI reloaded
NEWS	6	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS	7	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS	8	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS	9	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS	10	APR 30	CA/Caplus enhanced with 1870-1889 U.S. patent records
NEWS	11	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS	12	MAY 01	New CAS web site launched
NEWS	13	MAY 08	CA/Caplus Indian patent publication number format defined
NEWS	14	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS	15	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	16	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	17	MAY 21	CA/Caplus enhanced with additional kind codes for German patents
NEWS	18	MAY 22	CA/Caplus enhanced with IPC reclassification in Japanese patents
NEWS	19	JUN 27	CA/Caplus enhanced with pre-1967 CAS Registry Numbers
NEWS	20	JUN 29	STN Viewer now available
NEWS	21	JUN 29	STN Express, Version 8.2, now available
NEWS	22	JUL 02	LEMBASE coverage updated
NEWS	23	JUL 02	LMEDLINE coverage updated
NEWS	24	JUL 02	SCISEARCH enhanced with complete author names
NEWS	25	JUL 02	CHEMCATS accession numbers revised
NEWS	26	JUL 02	CA/Caplus enhanced with utility model patents from China
NEWS	27	JUL 16	Caplus enhanced with French and German abstracts
NEWS	28	JUL 18	CA/Caplus patent coverage enhanced
NEWS	29	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	30	JUL 30	USGENE now available on STN

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 14:34:51 ON 31 JUL 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:34:59 ON 31 JUL 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 30 JUL 2007 HIGHEST RN 943719-65-1

DICTIONARY FILE UPDATES: 30 JUL 2007 HIGHEST RN 943719-65-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

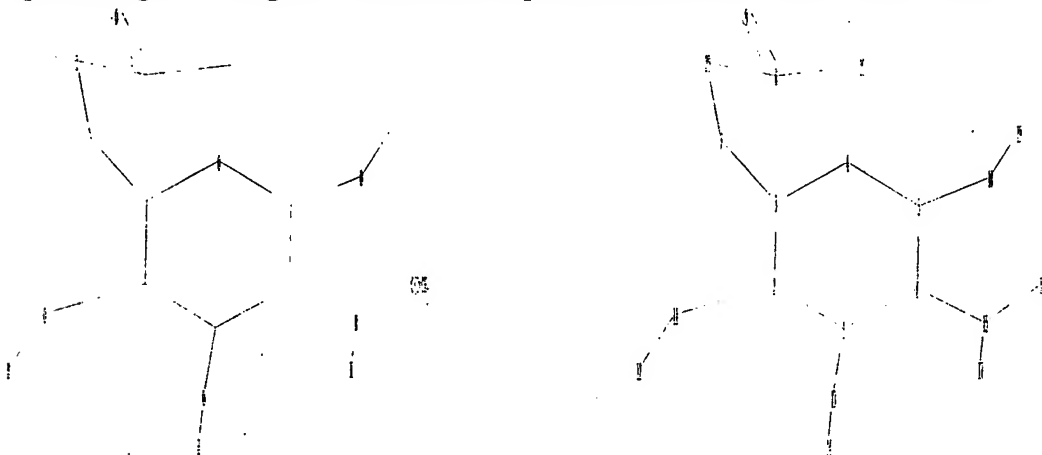
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10531176\claim 6.str



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20

ring nodes :

1 2 3 4 5 6

chain bonds :

1-13 2-11 3-7 5-18 6-15 7-20 8-10 8-9 8-20 11-12 13-14 15-16 15-17 18-19

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 1-13 2-3 2-11 3-4 4-5 5-6 5-18 6-15 7-20 8-9 8-20 15-16 18-19

exact bonds :

3-7 8-10 11-12 13-14 15-17

Match level :

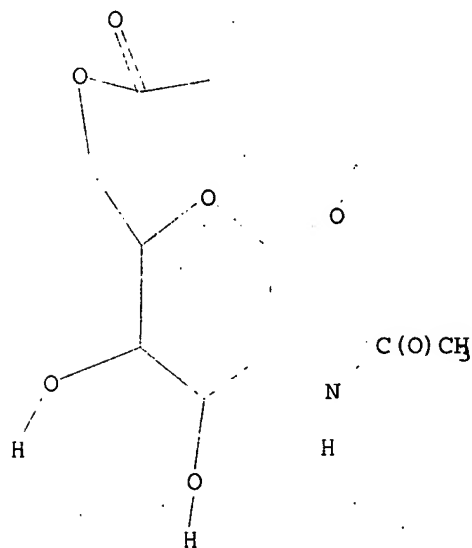
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:35:14 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 845 TO ITERATE

100.0% PROCESSED 845 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 15157 TO 18643

PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 14:35:17 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 16608 TO ITERATE

100.0% PROCESSED 16608 ITERATIONS

36 ANSWERS

SEARCH TIME: 00.00.01

L3 36 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
172.10	172.31

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:35:19 ON 31 JUL 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 31 Jul 2007 VOL 147 ISS 6
FILE LAST UPDATED: 30 Jul 2007 (20070730/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 13

L4 39 L3

=> d 14 1-39 ibib hitstr

L4 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2007:93833 CAPLUS

DOCUMENT NUMBER: 146:317134

TITLE: Synthesis of acylated methyl 2-acetamido-2-deoxy- α -D-mannopyranosides

AUTHOR(S): Petrovic, V.; Car, Z.; Prugovecki, B.; Tomic, S.; Matkovic-Calogovic, D.

CORPORATE SOURCE: Laboratory of Organic Chemistry, Department of Chemistry, Faculty of Science, University of Zagreb, Zagreb, Croatia

SOURCE: Journal of Carbohydrate Chemistry (2006), 25(8-9), 685-695

CODEN: JCACDM; ISSN: 0732-8303

PUBLISHER: Taylor & Francis, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 929033-49-8P

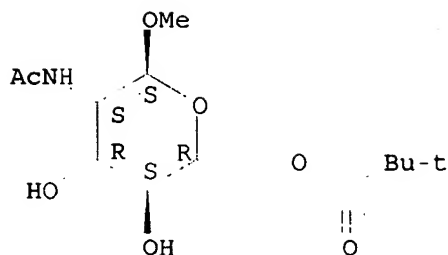
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis of acylated Me 2-acetamido-2-deoxy- α -D-mannopyranosides)

RN 929033-49-8 CAPLUS

CN α -D-Mannopyranoside, methyl 2-(acetylamino)-2-deoxy-, 6-(2,2-dimethylpropanoate) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



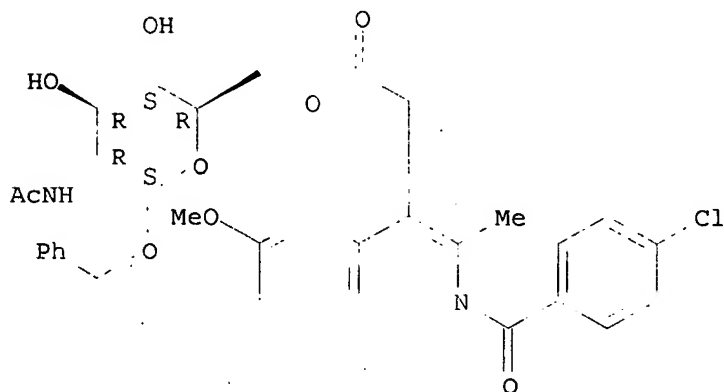
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:1262472 CAPLUS
 DOCUMENT NUMBER: 144:7027
 TITLE: Preparation of acetylglucosamine derivative of indomethacin as antiinflammatory agents
 INVENTOR(S): Li, Yingxia; Zhang, Yichun; Song, Ni; Li, Chunxia
 PATENT ASSIGNEE(S): Ocean University of China, Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 8 pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1616474	A	20050518	CN 2004-10035642	20040902

PRIORITY APPLN. INFO.: CN 2004-10035642 20040902
 OTHER SOURCE(S): CASREACT 144:7027
 IT 869860-54-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and antiinflammatory activity of acetylglucosamine derivative of indomethacin)
 RN 869860-54-8 CAPLUS
 CN α -D-Glucopyranoside, phenylmethyl 2-(acetylamino)-2-deoxy-, 6-[1-(4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indole-3-acetate] (9CI) (CA INDEX NAME)

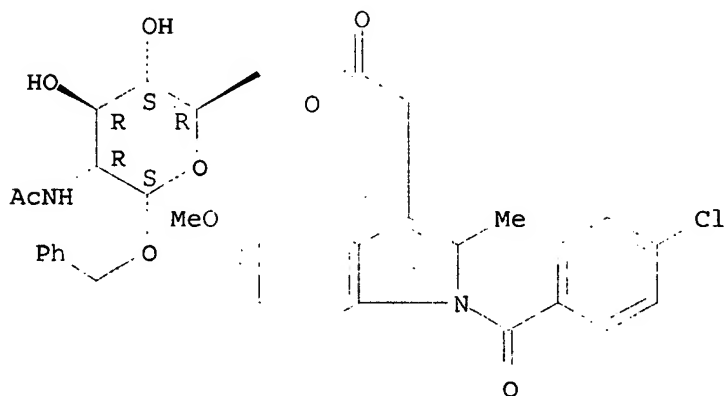
Absolute stereochemistry.



L4 ANSWER 3 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:264974 CAPLUS
 DOCUMENT NUMBER: 144:36454
 TITLE: Synthesis of indomethacin conjugates with D-glucosamine
 AUTHOR(S): Zhang, Yi Chun; Li, Ying Xia; Guan, Hua Shi
 CORPORATE SOURCE: Key Laboratory of Marine Drugs, Marine Drug and Food Institute, Ministry of Education, Ocean University of China, Qingdao, 266003, Peop. Rep. China
 SOURCE: Chinese Chemical Letters (2005), 16(2), 179-182
 CODEN: CCLEE7; ISSN: 1001-8417
 PUBLISHER: Chinese Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 144:36454
 IT 869860-54-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of D-glucosamine based indomethacin conjugates and their use as antiulcer agents)
 RN 869860-54-8 CAPLUS
 CN α -D-Glucopyranoside, phenylmethyl 2-(acetylamino)-2-deoxy-, 6-[1-(4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indole-3-acetate] (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:404827 CAPLUS
 DOCUMENT NUMBER: 141:366400
 TITLE: Regioselective enzymatic acylation of N-acetylhexosamines
 AUTHOR(S): Simerska, Pavla; Pisvejcova, Andrea; Kuzma, Marek; Sedmera, Petr; Kren, Vladimir; Nicotra, Silvia; Riva, Sergio
 CORPORATE SOURCE: Laboratory of Biotransformation, Institute of Microbiology, Academy of Sciences of the Czech Republic, Prague, CZ-142 20 4, Czech Rep.
 SOURCE: Journal of Molecular Catalysis B: Enzymatic (2004), 29(1-6), 219-225
 CODEN: JMCEF8; ISSN: 1381-1177
 PUBLISHER: Elsevier Science B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:366400
 IT 776297-63-3P 776297-64-4P
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP

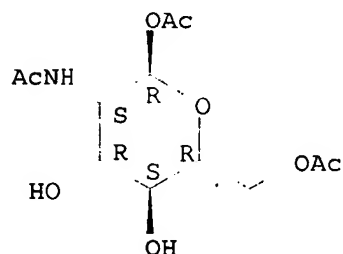
(Preparation)

(preparation of acyl derivs. by regioselective enzymic acylation of
N-acetylhexosamines)

RN 776297-63-3 CAPLUS

CN α -D-Mannopyranose, 2-(acetylamino)-2-deoxy-, 1,6-diacetate (9CI)
(CA INDEX NAME)

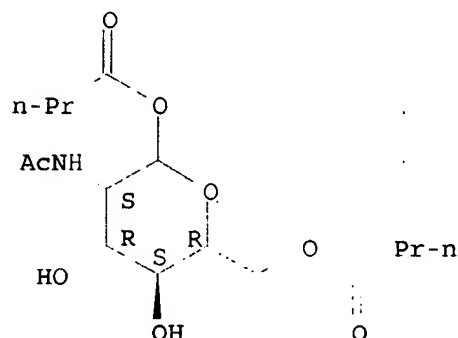
Absolute stereochemistry.



RN 776297-64-4 CAPLUS

CN D-Mannopyranose, 2-(acetylamino)-2-deoxy-, 1,6-dibutanoate (9CI) (CA
INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:333731 CAPLUS

DOCUMENT NUMBER: 140:339574

TITLE: Preparation of N-acetylglucosamine derivatives as
promoters for hyaluronic acid production

INVENTOR(S): Fukunaga, Kyoko; Sayo, Tetsuya; Sakai, Shingo; Inoue,
Shintaro

PATENT ASSIGNEE(S): Kanebo, Ltd., Japan

SOURCE: PCT Int. Appl., 78 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

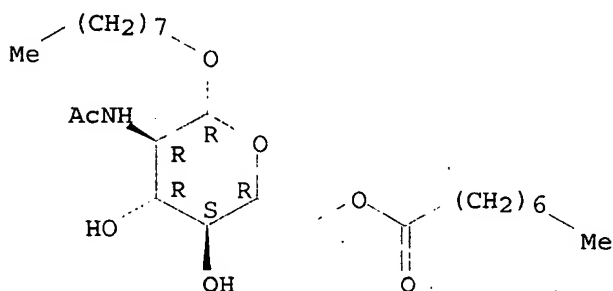
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004033474	A1	20040422	WO 2003-JP9428	20030725
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,				

PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
 TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2003252684 A1 20040504 AU 2003-252684 20030725
 EP 1553101 A1 20050713 EP 2003-807954 20030725
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 CN 1688595 A 20051026 CN 2003-824086 20030725
 US 2006020127 A1 20060126 US 2005-531176 20050411
 PRIORITY APPLN. INFO.: JP 2002-295733 A 20021009
 JP 2003-9365 A 20030117
 JP 2003-79595 A 20030324
 WO 2003-JP9428 W 20030725

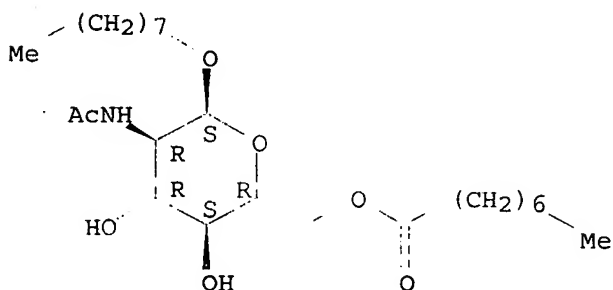
OTHER SOURCE(S): MARPAT 140:339574
 IT 681153-34-4P 681160-54-3P 681160-55-4P
 RL: COS (Cosmetic use); PAC (Pharmacological activity); SPN (Synthetic
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP
 (Preparation); USES (Uses)
 (preparation of N-acetylglucosamine derivs. as promoters for hyaluronic acid
 production and skin preparation for external use)
 RN 681153-34-4 CAPLUS
 CN β -D-Glucopyranoside, octyl 2-(acetylamino)-2-deoxy-, 6-octanoate
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.



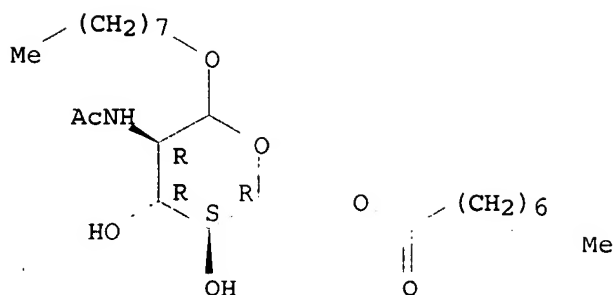
RN 681160-54-3 CAPLUS
 CN α -D-Glucopyranoside, octyl 2-(acetylamino)-2-deoxy-, 6-octanoate
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 681160-55-4 CAPLUS
 CN D-Glucopyranoside, octyl 2-(acetylamino)-2-deoxy-, 6-octanoate (9CI) (CA
 INDEX NAME)

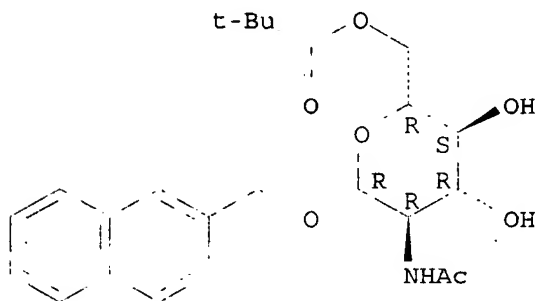
Absolute stereochemistry.



REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:302827 CAPLUS
 DOCUMENT NUMBER: 141:7374
 TITLE: A concise synthesis of N-trichloroethoxycarbonyl lactosamine trichloroacetimidate donor and its application in the synthesis of Gal(β1-4)GlcNAc(β1-3)L-Fuc(α-OAll)
 AUTHOR(S): Xue, Jun; Khaja, Sirajud. D.; Locke, Robert D.; Matta, Khushi L.
 CORPORATE SOURCE: Molecular and Cellular Biophysics, Roswell Park Cancer Institute, Buffalo, NY, 14263, USA
 SOURCE: Synlett (2004), (5), 861-865
 CODEN: SYNLES; ISSN: 0936-5214
 PUBLISHER: Georg Thieme Verlag
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:7374
 IT 695179-99-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (synthesis of N-trichloroethoxycarbonyl lactosamine trichloroacetimidate donor in synthesis of Gal(β1-4)GlcNAc(β1-3)L-Fuc(α-OAll) via triflate-catalyzed stereoselective transglycosylation)
 RN 695179-99-8 CAPLUS
 CN β-D-Glucopyranoside, 2-naphthalenylmethyl 2-(acetylamino)-2-deoxy-, 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.

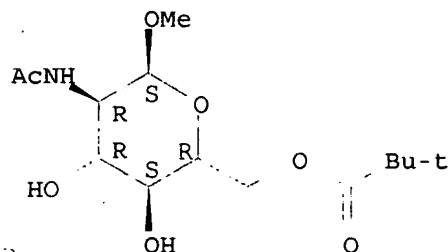


REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:909508 CAPLUS
 DOCUMENT NUMBER: 140:94216
 TITLE: Synthesis of a carbon-linked mimic of the disaccharide component of the tumor-related sialyltin antigen

AUTHOR(S): Abdallah, Zouleika; Doisneau, Gilles; Beau, Jean-Marie
 CORPORATE SOURCE: Laboratoire de Synthèse de Biomolécules associée au
 CNRS, Université Paris-Sud, Orsay, 91405, Fr.
 SOURCE: Angewandte Chemie, International Edition (2003),
 42(42), 5209-5212
 CODEN: ACIEF5; ISSN: 1433-7851
 PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 140:94216
 IT 120489-31-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (synthesis of a C-sialo disaccharide component present in tumor-related
 sialyltin antigens)
 RN 120489-31-8 CAPLUS
 CN α -D-Glucopyranoside, methyl 2-(acetlamino)-2-deoxy-,
 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

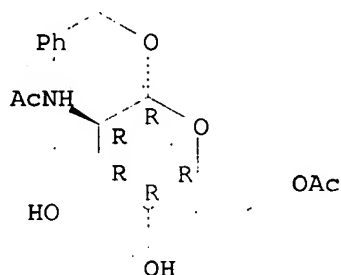
Absolute stereochemistry.



REFERENCE COUNT: 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:552597 CAPLUS
 DOCUMENT NUMBER: 137:243862
 TITLE: Elucidation of the Mechanism of Polysaccharide
 Cleavage by Chondroitin AC Lyase from Flavobacterium
 heparinum
 AUTHOR(S): Rye, Carl S.; Withers, Stephen G.
 CORPORATE SOURCE: Department of Chemistry, University of British
 Columbia, Vancouver, BC, V6T 1Z1, Can.
 SOURCE: Journal of the American Chemical Society (2002),
 124(33), 9756-9767
 CODEN: JACSAT; ISSN: 0002-7863
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 137:243862
 IT 461025-95-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (elucidation of mechanism of polysaccharide cleavage by chondroitin AC
 lyase from Flavobacterium heparinum and synthesis of substrates)
 RN 461025-95-6 CAPLUS
 CN β -D-Galactopyranoside, phenylmethyl 2-(acetlamino)-2-deoxy-,
 6-acetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:169125 CAPLUS

DOCUMENT NUMBER: 133:55740

TITLE: Differentiation of O-acetyl and O-carbamoyl esters of N-acetyl-glucosamine by decomposition of their oxonium ions. application to the structure of the nonreducing terminal residue of nod factors

AUTHOR(S): Treilhou, M.; Ferro, M.; Monteiro, C.; Poinot, V.; Jabbouri, S.; Kanony, C.; Prome, D.; Prome, J.-C.

CORPORATE SOURCE: Laboratoire des Interactions Moleculaires et Reactivite Chimique et Photochimique, Universite Paul Sabatier, Toulouse, Fr.

SOURCE: Journal of the American Society for Mass Spectrometry (2000), 11(4), 301-311

CODEN: JAMSEF; ISSN: 1044-0305

PUBLISHER: Elsevier Science Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

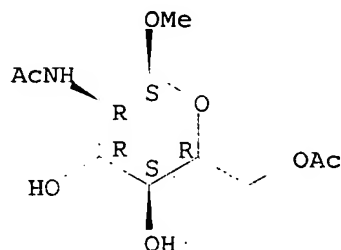
IT 76567-85-6P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (synthesis and structure determination by mass spectrometry of positional isomers of monoacetyl and monocarbamoyl esters of methylacetylglucosamine as Nod factor model compds.)

RN 76567-85-6 CAPLUS

CN. α -D-Glucopyranoside, methyl 2-(acetylamino)-2-deoxy-, 6-acetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

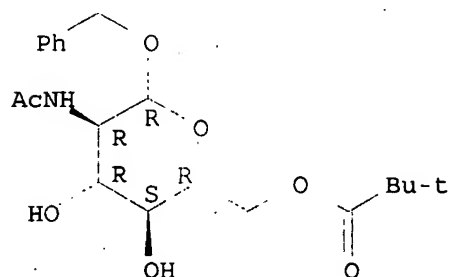
ACCESSION NUMBER: 1997:138867 CAPLUS

DOCUMENT NUMBER: 126:251327

TITLE: Selectin inhibition: synthesis and evaluation of novel sialylated, sulfated and fucosylated oligosaccharides, including the major capping group of GlyCAM-1

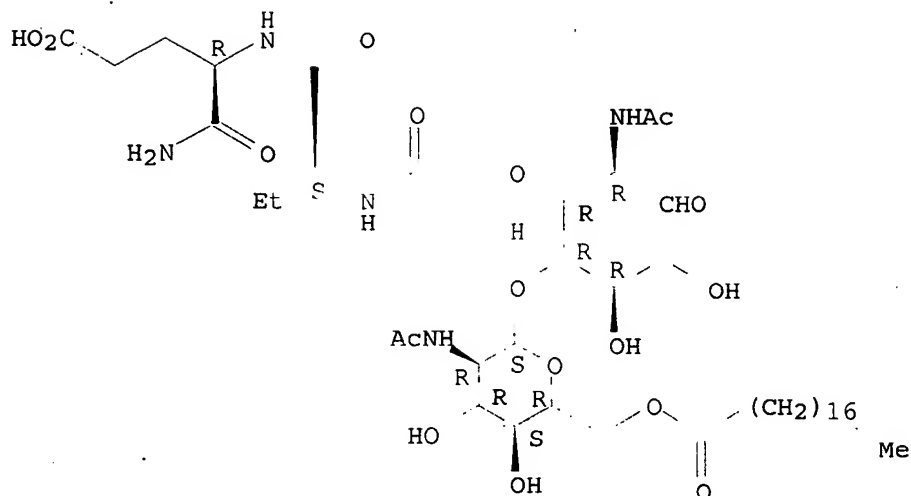
AUTHOR(S): Koenig, Andrea; Jain, Rakesh; Vig, Rakesh;
Norgard-Sumnicht, Karin E.; Matta, Khushi L.; Varki,
Ajit
CORPORATE SOURCE: UCSD Cancer Center, University of California San
Diego, La Jolla, CA, 92093, USA
SOURCE: Glycobiology (1997), 7(1), 79-93
CODEN: GLYCE3; ISSN: 0959-6658
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 176166-27-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of novel sialylated, sulfated, and fucosylated oligosaccharides
as selectin inhibitors)
RN 176166-27-1 CAPLUS
CN β -D-Glucopyranoside, phenylmethyl 2-(acetylamino)-2-deoxy-,
6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 11 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:639657 . CAPLUS
DOCUMENT NUMBER: 126:139608
TITLE: Immunomodulatory and radioprotective activities of
synthetic analogs of the disaccharide-dipeptide
subunit of peptidoglycan
AUTHOR(S): Hribalova, V.; Vacek, A.; Toman, M.; Horavova, P.;
Ledvina, M.; Jezek, J.
CORPORATE SOURCE: National Institute Public Health, Prague, CZ-100 42,
Czech Rep.
SOURCE: Peptides 1994, Proceedings of the European Peptide
Symposium, 23rd, Braga, Port., Sept. 4-10, 1994 (1995)
, Meeting Date 1994, 847-848. Editor(s): Maia,
Hernani L. S. ESCOM: Leiden, Neth.
CODEN: 63MBAO
DOCUMENT TYPE: Conference
LANGUAGE: English
IT 155780-14-6
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(immunostimulatory and radioprotective activities of muramyl dipeptide
analogs)
RN 155780-14-6 CAPLUS
CN Pentanoic acid, 4-[[[(2S)-2-[[N-acetyl-4-O-[2-(acetylamino)-2-deoxy-6-O-(1-
oxooctadecyl)- β -D-glucopyranosyl]normuramoyl]amino]-1-oxobutyl]amino]-
5-amino-5-oxo-, (4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



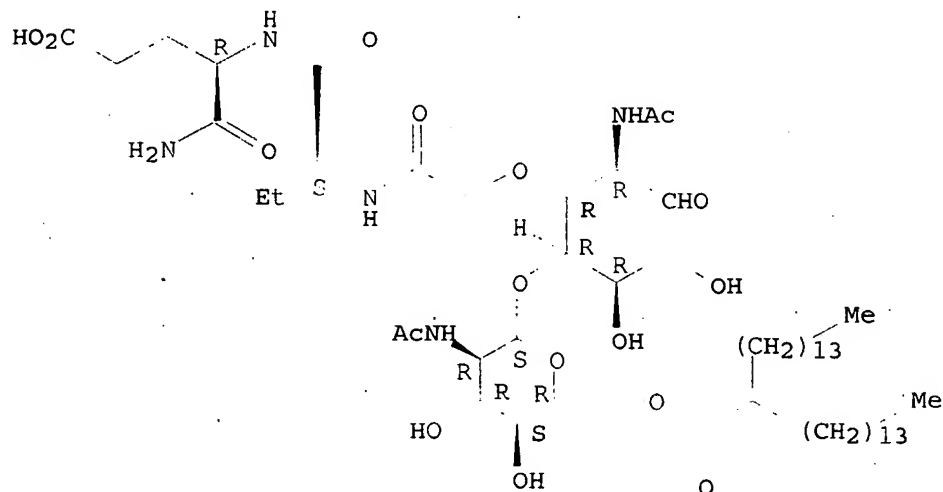
IT 155780-15-7

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(immunostimulatory and radioprotective activities of muramyl dipeptide analogs)

RN 155780-15-7 CAPLUS

CN Pentanoic acid, 4-[[[(2S)-2-[[N-acetyl-4-O-[2-(acetylamino)-2-deoxy-6-O-(1-oxo-2-tetradecylhexadecyl)-β-D-glucopyranosyl]normuramoyl]amino]-1-oxobutyl]amino]-5-amino-5-oxo-, (4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 12 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:151851 CAPLUS

DOCUMENT NUMBER: 124:317699

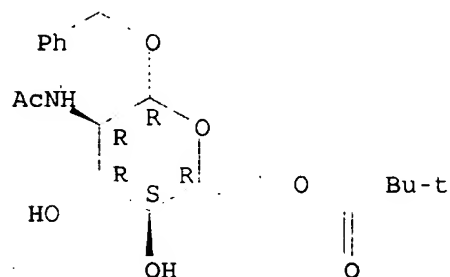
TITLE: Selectin ligands: 2,3,4-tri-O-acetyl-6-O-pivaloyl-α/β-galactopyranosyl halide as novel glycosyl donor for the synthesis of 3-O-sialyl or 3-O-sulfo Lex and Lea type structures

AUTHOR(S): Jain, Rakesh K.; Vig, Rakesh; Locke, Robert D.; Mohammad, Asif; Matta, Khushi L.

CORPORATE SOURCE: Dep. Gynecologic Oncology, Roswell Park Cancer Inst., Buffalo, NY, 14263, USA

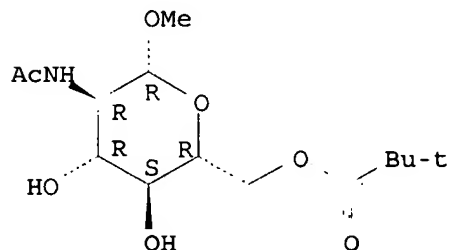
SOURCE: Chemical Communications (Cambridge) (1996), (1), 65-7
 CODEN: CHCOFS; ISSN: 1359-7345
 PUBLISHER: Royal Society of Chemistry
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 176166-27-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (galactopyranosyl halides as glycosyl donors in preparation of sialyl Lewis
 determinants)
 RN 176166-27-1 CAPLUS
 CN β -D-Glucopyranoside, phenylmethyl 2-(acetylamino)-2-deoxy-,
 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 13 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1995:900468 CAPLUS
 DOCUMENT NUMBER: 124:117806
 TITLE: Selectin ligands: synthesis of 3'-O-sialyl-6'-O-sulfo
 Lewis NeuAca2 \rightarrow 3(6-O-
 SO₃Na)Gal β 1 \rightarrow 3 (Fucal \rightarrow 4)
 GlcNAc β -OMe
 AUTHOR(S): Vig, Rakesh; Jain, Rakesh K.; Piskorz, Conrad F.;
 Matta, Khushi L.
 CORPORATE SOURCE: Department Gynecologic Oncology, Roswell Park Cancer
 Institute, Buffalo, NY, 14263, USA
 SOURCE: Journal of the Chemical Society, Chemical
 Communications (1995), (20), 2073-4
 CODEN: JCCCAT; ISSN: 0022-4936
 PUBLISHER: Royal Society of Chemistry
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 120489-49-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (asym. synthesis of sialylsulfate Lewis A as selectin ligands)
 RN 120489-49-8 CAPLUS
 CN β -D-Glucopyranoside, methyl 2-(acetylamino)-2-deoxy-,
 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 14 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:592524 CAPLUS

DOCUMENT NUMBER: 123:257185

TITLE: Fragmentation of lipophilic disaccharide analogs of muramyl dipeptide (MDP) in FAB mass spectrometry, a characterization of lipophilic substitution

AUTHOR(S): Vaisar, Tomas; Ledvina, Miroslav; Jezek, Jan

CORPORATE SOURCE: Inst. Org. Chem. Biochem., Acad. Sci. Czech Republic, Prague, 166 10, Czech Rep.

SOURCE: Journal of Mass Spectrometry (1995), 30(5), 767-8
CODEN: JMSPFJ; ISSN: 1076-5174

PUBLISHER: Wiley

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 155780-14-6 155780-15-7

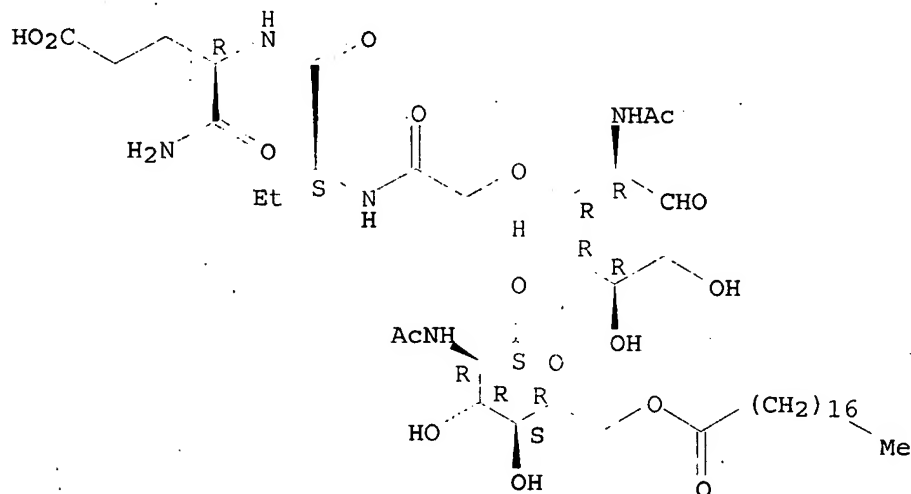
RL: PRP. (Properties)

(fragmentation of lipophilic disaccharide analogs of muramyl dipeptide using fast-atom-bombardment mass spectrometry)

RN 155780-14-6 CAPLUS

CN Pentanoic acid, 4-[[[(2S)-2-[[N-acetyl-4-O-[2-(acetylamino)-2-deoxy-6-O-(1-oxooctadecyl)-β-D-glucopyranosyl]normuramoyl]amino]-1-oxobutyl]amino]-5-amino-5-oxo-, (4R)- (9CI) (CA INDEX NAME)

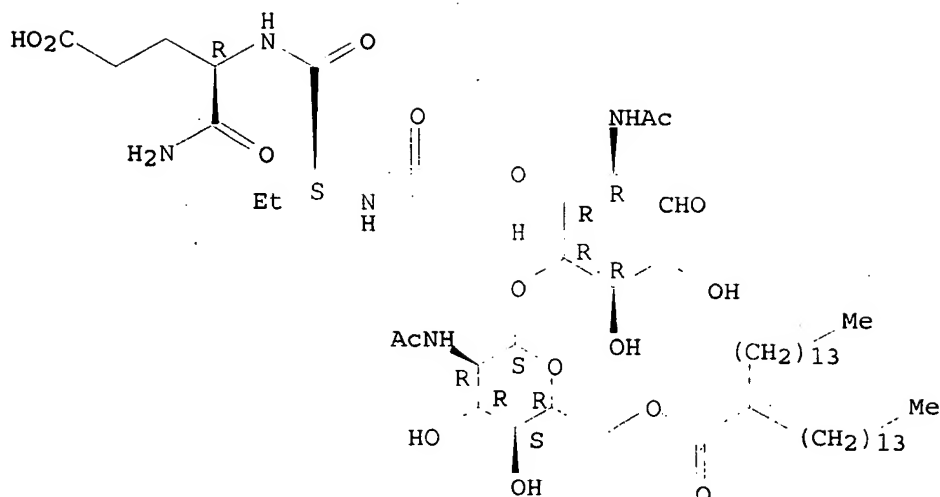
Absolute stereochemistry.



RN 155780-15-7 CAPLUS

CN Pentanoic acid, 4-[[[(2S)-2-[[N-acetyl-4-O-[2-(acetylamino)-2-deoxy-6-O-(1-oxo-2-tetradecylhexadecyl)-β-D-glucopyranosyl]normuramoyl]amino]-1-oxobutyl]amino]-5-amino-5-oxo-, (4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 15 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:397786 CAPLUS

DOCUMENT NUMBER: 122:158039

TITLE: Selectin Ligands and Tumor-Associated Carbohydrate Structures: Specificities of α 2,3-Sialyltransferases in the Assembly of 3'-Sialyl-6-sulfo/sialyl Lewis a and x, 3'-Sialyl-6'-sulfo Lewis x, and 3'-Sialyl-6-sialyl/sulfo Blood Group T-hapten

AUTHOR(S): Chandrasekaran, E. V.; Jain, Rakesh K.; Larsen, Robert D.; Wlasichuk, Ken; Matta, Khushi L.

CORPORATE SOURCE: Department of Gynecologic Oncology, Roswell Park Cancer Institute, Buffalo, NY, 14263, USA

SOURCE: Biochemistry (1995), 34(9), 2925-36

CODEN: BICHAW; ISSN: 0006-2960

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

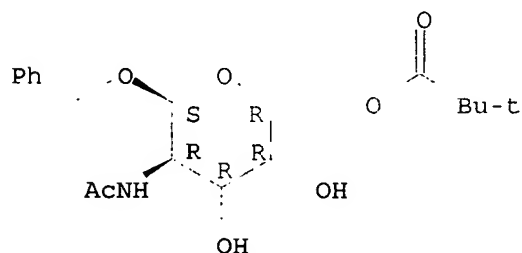
IT 161299-17-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and glycosylation of)

RN 161299-17-8 CAPLUS

CN α -D-Galactopyranoside, phenylmethyl 2-(acetylamino)-2-deoxy-, 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 16 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1994:436053 CAPLUS

DOCUMENT NUMBER: 121:36053

TITLE: Synthesis of O-[2-acetamido-2-deoxy-6-O-stearoyl- and -6-O-(2-tetradecylhexadecanoyl)- β -D-glucopyranosyl]-(1 \rightarrow 4)-N-acetylnormuramoyl-L- α -aminobutanoyl-D-isoglutamine, lipophilic disaccharide analogs of MDP

AUTHOR(S): Ledvina, Miroslav; Jezek, Jan; Saman, David; Vaisar, Tomas; Hribalova, Vera

CORPORATE SOURCE: Inst. Org. Chem. Biochem., Czech. Acad. Sci., Prague, 166 10, Czech.

SOURCE: Carbohydrate Research (1994), 251, 269-84
CODEN: CRBRAT; ISSN: 0008-6215

DOCUMENT TYPE: Journal

LANGUAGE: English

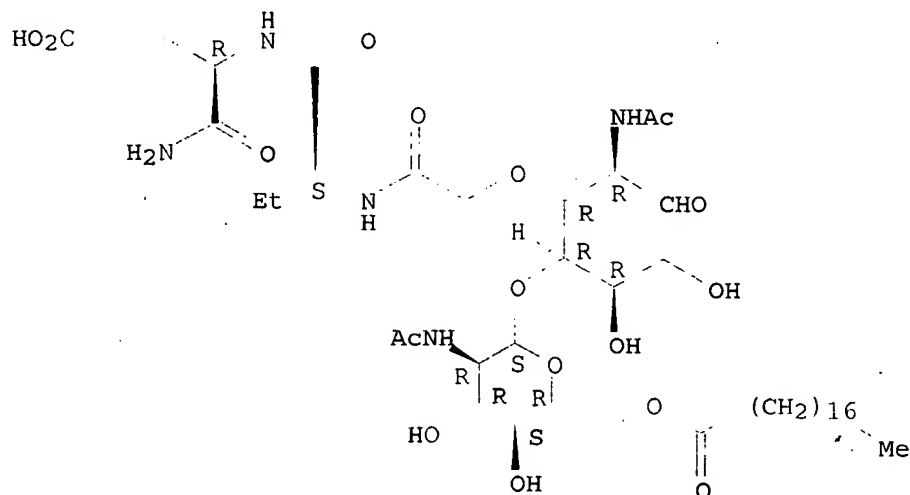
OTHER SOURCE(S): CASREACT 121:36053

IT 155780-14-6P 155780-15-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, pyrogenicity and adjuvant activity of)

RN 155780-14-6 CAPLUS

CN Pentanoic acid, 4-[[[(2S)-2-[[N-acetyl-4-O-[2-(acetyl-amino)-2-deoxy-6-O-(1-oxooctadecyl)- β -D-glucopyranosyl]normuramoyl]amino]-1-oxobutyl]amino]-5-amino-5-oxo-, (4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

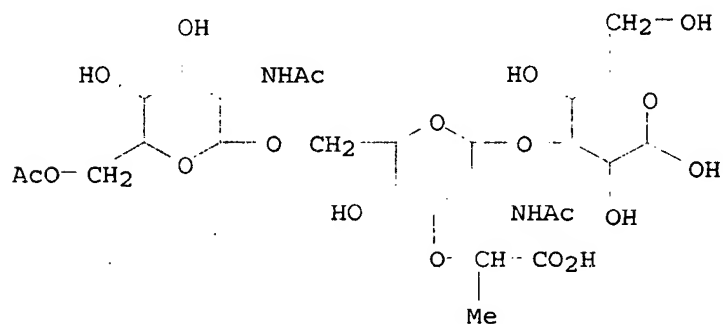


RN 155780-15-7 CAPLUS

CN Pentanoic acid, 4-[[[(2S)-2-[[N-acetyl-4-O-[2-(acetyl-amino)-2-deoxy-6-O-(1-oxo-2-tetradecylhexadecyl)- β -D-glucopyranosyl]normuramoyl]amino]-1-oxobutyl]amino]-5-amino-5-oxo-, (4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

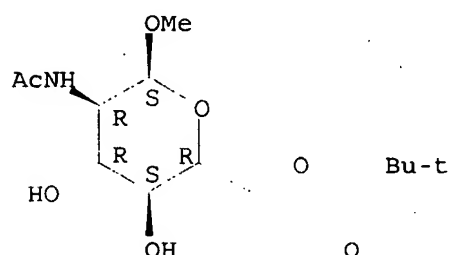
L4 ANSWER 17 OF 39 CAPLUS COPYRIGHT2007 ACS on STN
ACCESSION NUMBER: 1993:76696 CAPLUS
DOCUMENT NUMBER: 118:76696
TITLE: Structure of the O-specific polysaccharide of *Proteus penneri* 62 containing 2-acetamido-3-O-[(S)-1-carboxyethyl]-2-deoxy-D-glucose (N-acetylisomuramic acid)
AUTHOR(S): Knirel, Yuriy A.; Paramonov, N. A.; Vinogradov, E. V.; Shashkov, A. S.; Kochetkov, N. K.; Sidorchuk, Zygmunt; Swierczko, Anna
CORPORATE SOURCE: N. D. Zelinskii Inst. Org. Chem.: Moscow, B-334, Russia
SOURCE: Carbohydrate Research (1992), 235, C19-C23
CODEN: CRBRAT; ISSN: 0008-6215
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 145706-91-8
RL: BIOL (Biological study)
(repeating unit, of O-specific polysaccharide of *Proteus penneri*)
RN 145706-91-8 CAPLUS
CN α -D-Galactopyranose, O-6-O-acetyl-2-(acetylamino)-2-deoxy- β -D-glucopyranosyl-(1 \rightarrow 6)-O-(N-acetyl- β -isomuramosyl)-(1 \rightarrow 3)-(9CI) (CA INDEX NAME)



L4 ANSWER 18 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:680418 CAPLUS
DOCUMENT NUMBER: 115:280418
TITLE: Partial purification of esterases from rabbit serum

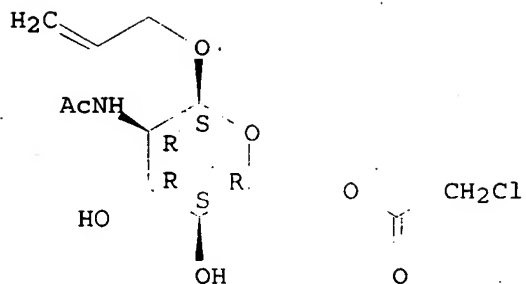
and their use in regioselective deacylations of sugars
 AUTHOR(S): Tomic, Srdjanka; Trescec, Anda; Ljevakovic, Djurdjica; Tomasic, Jelka
 CORPORATE SOURCE: Dep. Radioimmunol., Inst. Immunol., Zagreb, 41000, Yugoslavia
 SOURCE: Carbohydrate Research (1991), 210, 191-8
 CODEN: CRBRAT; ISSN: 0008-6215
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 115:280418
 IT 120489-31-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (enzymic deacylation of)
 RN 120489-31-8 CAPLUS
 CN α -D-Glucopyranoside, methyl 2-(acetylamino)-2-deoxy-,
 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



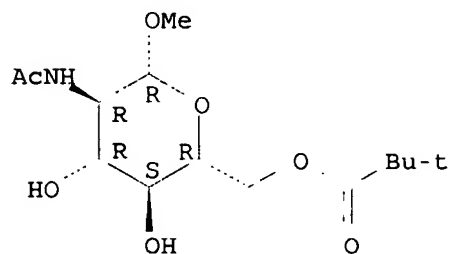
L4 ANSWER 19 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1991:626828 CAPLUS
 DOCUMENT NUMBER: 115:226828
 TITLE: Probing the acceptor specificity of
 β -1,4-galactosyltransferase for the development
 of enzymatic synthesis of novel oligosaccharides
 AUTHOR(S): Wong, Chi Huey; Ichikawa, Yoshitaka; Krach, Thomas;
 Gautheron-Le Narvor, Christine; Dumas, David P.; Look,
 Gary C.
 CORPORATE SOURCE: Dep. Chem., Scripps Res. Inst., La Jolla, CA, 92037,
 USA
 SOURCE: Journal of the American Chemical Society (1991),
 113(21), 8137-45
 CODEN: JACSAT; ISSN: 0002-7863
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 115:226828
 IT 136882-55-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 136882-55-8 CAPLUS
 CN α -D-Glucopyranoside, 2-propenyl 2-(acetylamino)-2-deoxy-,
 6-(chloroacetate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



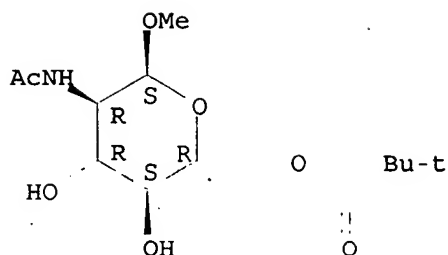
L4 ANSWER 20 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1990:21229 CAPLUS
 DOCUMENT NUMBER: 112:21229
 TITLE: Enzymic deacylations of esterified saccharides. Part IV., Stereoselective hydrolysis of radiolabeled O-pivaloyl derivatives of methyl 2-acetamido-2-deoxy-D-glucopyranoside
 AUTHOR(S): Tomic, Srdanka; Ljevakovic, Durdica; Tomasic, Jelka
 CORPORATE SOURCE: Dep. Radioimmunol., Inst. Immunol., Zagreb, 41000, Yugoslavia
 SOURCE: Carbohydrate Research (1989), 188, 222-7
 CODEN: CRBRAT; ISSN: 0008-6215
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 112:21229
 IT 120489-49-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and acetylation of)
 RN 120489-49-8 CAPLUS
 CN β -D-Glucopyranoside, methyl 2-(acetylamino)-2-deoxy-, 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



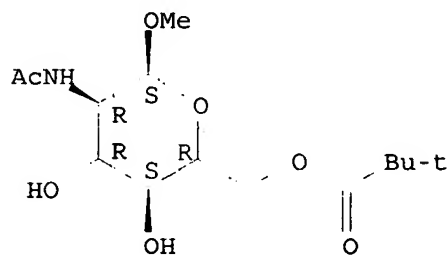
IT 120489-31-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 120489-31-8 CAPLUS
 CN α -D-Glucopyranoside, methyl 2-(acetylamino)-2-deoxy-, 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



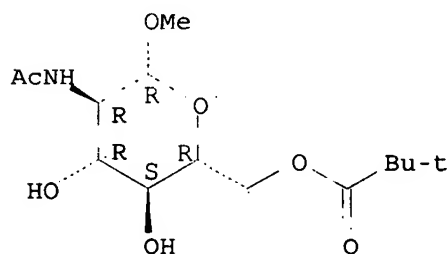
L4 ANSWER 21 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1989:614852 CAPLUS
 DOCUMENT NUMBER: 111:214852
 TITLE: Selective pivaloylation of 2-(acetamido)-2-deoxy
 sugars [Erratum to document cited in
 CA110(23):213238k]
 AUTHOR(S): Ljevakovic, Durdica; Tomic, Srdanka; Tomasic, Jelka
 CORPORATE SOURCE: Dep. Radioimmunol., Inst. Immunol., Zagreb, 41000,
 Yugoslavia
 SOURCE: Carbohydrate Research (1989), 191(1), C1
 CODEN: CRBRAT; ISSN: 0008-6215
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 120489-31-8P 120489-49-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and acetylation of (Erratum))
 RN 120489-31-8 CAPLUS
 CN α -D-Glucopyranoside, methyl 2-(acetylamino)-2-deoxy-,
 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 120489-49-8 CAPLUS
 CN β -D-Glucopyranoside, methyl 2-(acetylamino)-2-deoxy-,
 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 22 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1989:213238 CAPLUS

DOCUMENT NUMBER: 110:213238

TITLE: Selective pivaloylation of 2-(acetamido)-2-deoxy sugars

AUTHOR(S): Ljevakovic, Durdica; Tomic, Srdanka; Tomasic, Jelka

CORPORATE SOURCE: Dep. Radioimmunol., Inst. Immunol., Zagreb, 41000, Yugoslavia

SOURCE: Carbohydrate Research (1988), 182(2), 197-205

CODEN: CRBRAT; ISSN: 0008-6215

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 110:213238

IT 120489-31-8P 120489-49-8P

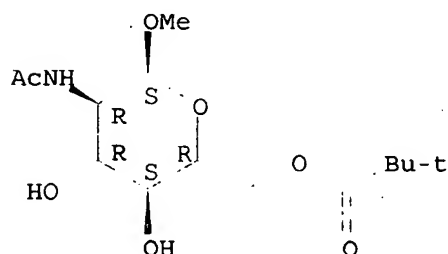
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and acetylation of)

RN 120489-31-8 CAPLUS

CN α -D-Glucopyranoside, methyl 2-(acetylamino)-2-deoxy-, 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

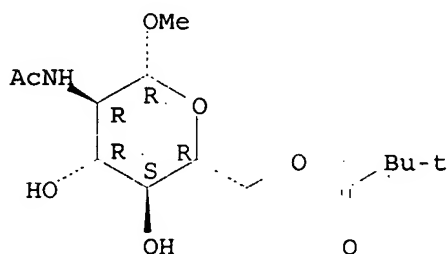
Absolute stereochemistry.



RN 120489-49-8 CAPLUS

CN β -D-Glucopyranoside, methyl 2-(acetylamino)-2-deoxy-, 6-(2,2-dimethylpropanoate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 23 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1987:67596 CAPLUS

DOCUMENT NUMBER: 106:67596

TITLE: Structural studies of the capsular polysaccharide from Haemophilus pleuropneumoniae serotype 1

AUTHOR(S): Altman, Eleonora; Brisson, Jean Robert; Perry, Malcolm B.

CORPORATE SOURCE: Div. Biol. Sci., Natl. Res. Counc. Canada, Ottawa, ON, K1A 0R6, Can.

SOURCE: Biochemistry and Cell Biology (1986), 64(8), 707-16

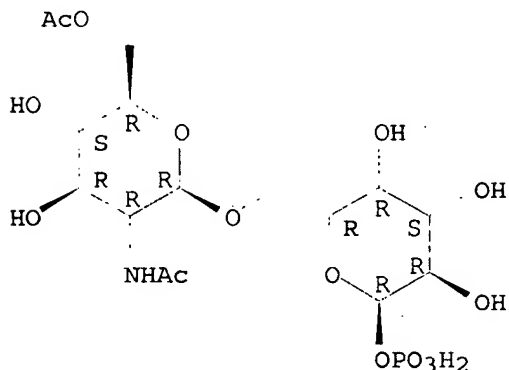
CODEN: BCBIEQ; ISSN: 0829-8211

DOCUMENT TYPE: Journal

LANGUAGE: English

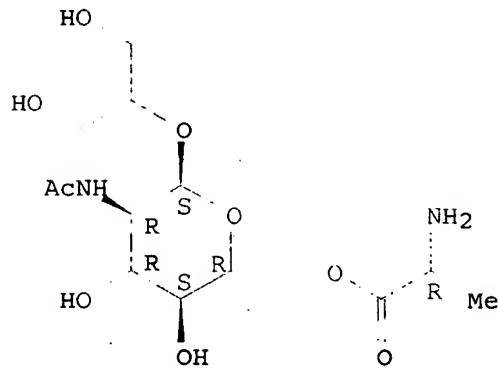
IT 106444-72-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (repeating unit of, for capsular polysaccharide of Haemophilus
 pleuropneumoniae, mol. structure of)
 RN 106444-72-8 CAPLUS
 CN α -D-Galactopyranose, 6-O-[6-O-acetyl-2-(acetylamino)-2-deoxy- β -
 D-glucopyranosyl]-, 1-(dihydrogen phosphate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 24 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1986:549398 CAPLUS
 DOCUMENT NUMBER: 105:149398
 TITLE: Comparative studies of lipoteichoic acids from several
 Bacillus strains
 AUTHOR(S): Iwasaki, Hiroyoshi; Shimada, Akira; Ito, Eiji
 CORPORATE SOURCE: Fac. Sci., Hokkaido Univ., Sapporo, 060, Japan
 SOURCE: Journal of Bacteriology (1986), 167(2), 508-16
 CODEN: JOBAAY; ISSN: 0021-9193
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 104537-92-0
 RL: BIOL (Biological study)
 (repeating unit, in lipoteichoic acid from Bacillus strains)
 RN 104537-92-0 CAPLUS
 CN D-Alanine, 6-ester with 2-hydroxy-1-(hydroxymethyl)ethyl
 2-(acetylamino)-2-deoxy- α -D-glucopyranoside (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 25 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1986:168703 CAPLUS
 DOCUMENT NUMBER: 104:168703

TITLE: Artificial carbohydrate antigens. Incorporation of the
Lea trisaccharide into polymers having an
oligosaccharide → glycosylated spacer →
antigen structure.

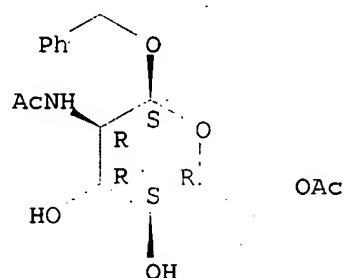
AUTHOR(S): Bovin, N. V.; Ivanova, I. A.; Khorlin, A. Ya.
CORPORATE SOURCE: M. M. Shemyakin Inst. Bioorg. Chem., Moscow, USSR
SOURCE: Bioorganicheskaya Khimiya (1985), 11(5), 662-70
CODEN: BIKHD7; ISSN: 0132-3423

DOCUMENT TYPE: Journal
LANGUAGE: Russian

IT 67535-71-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(glycosidation of, by acetobromolactose)

RN 67535-71-1 CAPLUS
CN α-D-Glucopyranoside, phenylmethyl 2-(acetylamino)-2-deoxy-,
6-acetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 26 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1986:51070 CAPLUS
DOCUMENT NUMBER: 104:51070
TITLE: Retinoids
INVENTOR(S): Bollag, Werner; Mayer, Hans Johann; Wyss, Pierre
Charles
PATENT ASSIGNEE(S): Hoffmann-La Roche, F., und Co. A.-G., Switz.
SOURCE: Ger. Offen., 16 pp.
CODEN: GWXXBX

DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3444051	A1	19850613	DE 1984-3444051	19841203
DE 3444051	C2	19940804		
CH 661516	A5	19870731	CH 1983-6570	19831208
CA 1234107	A1	19880315	CA 1984-466485	19841029
AU 8435143	A	19850613	AU 1984-35143	19841106
AU 571278	B2	19880414		
NL 8403554	A	19850701	NL 1984-3554	19841122
ZA 8409364	A	19850731	ZA 1984-9364	19841130
US 4565863	A	19860121	US 1984-677441	19841203
SE 8406138	A	19850609	SE 1984-6138	19841204
SE 468987	B	19930426		
SE 468987	C	19930819		
JP 60146896	A	19850802	JP 1984-255151	19841204
JP 05024920	B	19930409		
BE 901210	A1	19850605	BE 1984-214112	19841205
FR 2556348	A1	19850614	FR 1984-18617	19841206
FR 2556348	B1	19881014		

DK 8405873	A	19850609	DK 1984-5873	19841207
DK 163585	B	19920316		
DK 163585	C	19920824		
GB 2152498	A	19850807	GB 1984-30915	19841207
GB 2152498	B	19870909		
PRIORITY APPLN. INFO.:			CH 1983-6570	A 19831208
OTHER SOURCE(S):		MARPAT 104:51070		

IT 99792-34-4P

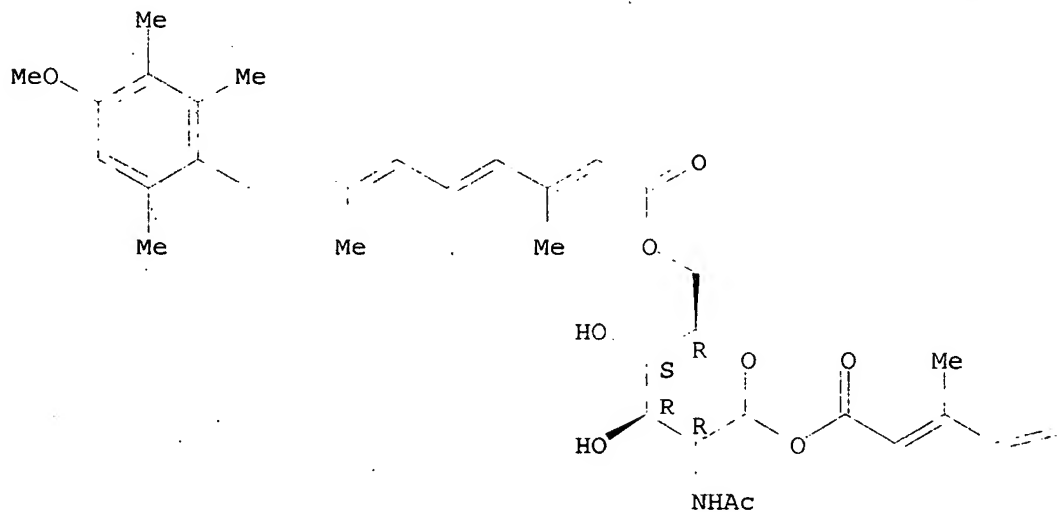
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of, as antitumor agent)

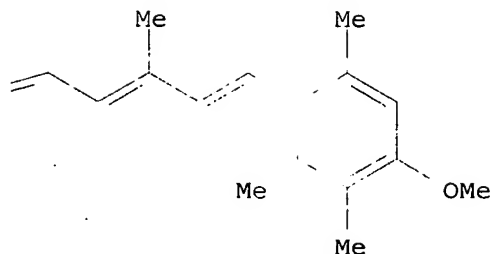
RN 99792-34-4 CAPLUS

CN D-Glucopyranose, 2-(acetlamino)-2-deoxy-, 1,6-bis[9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatetraenoate] (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.

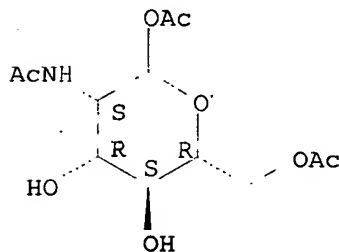
PAGE 1-A





L4 ANSWER 27 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1986:6112 CAPLUS
 DOCUMENT NUMBER: 104:6112
 TITLE: Synthesis with a immobilized enzyme of
 N-acetyl-9-O-acetyl-neuraminic acid, a sugar reported
 as a component of embryonic and tumor antigens
 AUTHOR(S): Auge, Claudine; David, Serge; Gautheron, Christine;
 Veyrieres, Alain
 CORPORATE SOURCE: Lab. Chim. Org. Multifonct., Univ. Paris-Sud, Orsay,
 91405, Fr.
 SOURCE: Tetrahedron Letters (1985), 26(20), 2439-40
 CODEN: TELEAY; ISSN: 0040-4039
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 104:6112
 IT 99409-64-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and reaction of, with benzylamine)
 RN 99409-64-0 CAPLUS
 CN D-Mannopyranose, 2-(acetyl-amino)-2-deoxy-, 1,6-diacetate (9CI) (CA INDEX
 NAME)

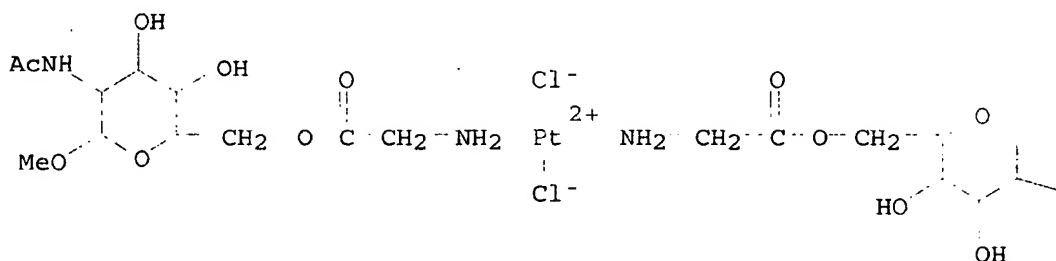
Absolute stereochemistry.



L4 ANSWER 28 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1984:44337 CAPLUS

DOCUMENT NUMBER: 100:44337
 TITLE: Metal complexes with biologically important ligands.
 XXVII. Palladium(II) and platinum(II) complexes with
 aminomonosaccharides
 AUTHOR(S): Thiel, Gerhard; Beck, Wolfgang
 CORPORATE SOURCE: Inst. Anorg. Chem., Univ. Muenchen, Munich, D-8000/2,
 Fed. Rep. Ger.
 SOURCE: Zeitschrift fuer Naturforschung, Teil B: Anorganische
 Chemie, Organische Chemie (1983), 38B(9), 1081-93
 CODEN: ZNBAD2; ISSN: 0340-5087
 DOCUMENT TYPE: Journal
 LANGUAGE: German
 IT 83995-74-8P 87984-80-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 83995-74-8 CAPLUS
 CN Platinum, dichlorobis[methyl 2-(acetylamino)-2-deoxy-D-glucopyranoside
 6-glycinate-N6]-, (SP-4-2)- (9CI) (CA INDEX NAME)

PAGE 1-A



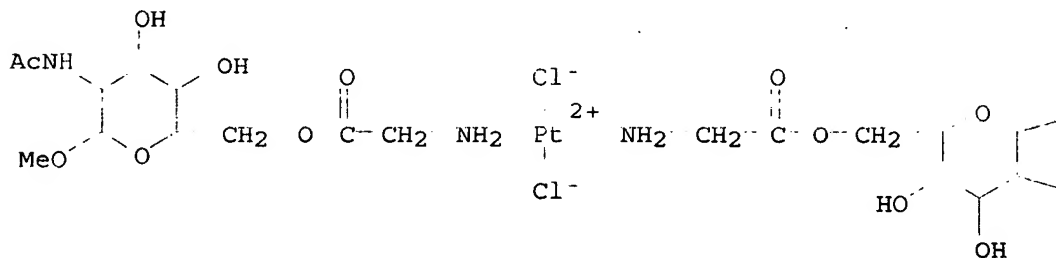
PAGE 1-B

OMe

NHAc

RN 87984-80-3 CAPLUS
 CN Platinum, dichlorobis[methyl 2-(acetylamino)-2-deoxy-D-glucopyranoside
 6-(glycinate-κN6)]-, (SP-4-1)- (9CI) (CA INDEX NAME)

PAGE 1-A



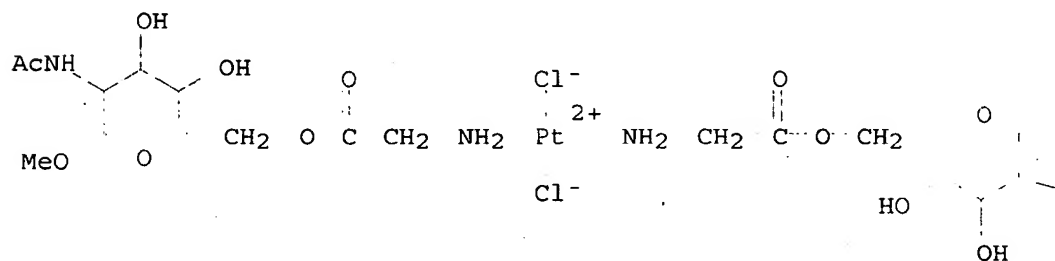
- OMe

NHAc

L4 ANSWER 29 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1983:34900 CAPLUS
 DOCUMENT NUMBER: 98:34900
 TITLE: cis-Platinum(II) complexes with saccharide derivatives
 as ligands
 INVENTOR(S): Beck, Wolfgang; Thiel, Gerhard
 PATENT ASSIGNEE(S): BASF A.-G., Fed. Rep. Ger.
 SOURCE: Ger. Offen., 20 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3108842	A1	19820916	DE 1981-3108842	19810309
EP 59911	A1	19820915	EP 1982-101532	19820227
R: AT, CH, DE, FR, GB, IT, SE				
JP 57159798	A	19821001	JP 1982-35959	19820309
PRIORITY APPLN. INFO.:			DE 1981-3108842	A 19810309
IT 83995-74-8P				
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN 83995-74-8 CAPLUS				
CN Platinum, dichlorobis[methyl 2-(acetylamino)-2-deoxy-D-glucopyranoside 6-glycinate-N6]-, (SP-4-2)- (9CI) (CA INDEX NAME)				

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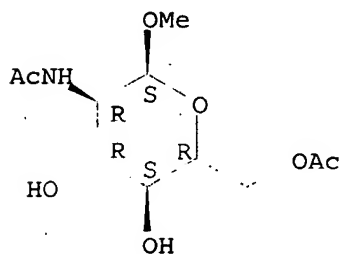


— OMe

NHAC

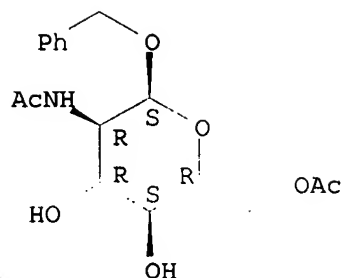
L4 ANSWER 30 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1981:92559 CAPLUS
 DOCUMENT NUMBER: 94:92559
 TITLE: Electrolytic methanolysis of acylated amino sugars
 AUTHOR(S): Imagawa, Takeshi; Nakashima, Yasushi; Kawanisi, Mituyosi
 CORPORATE SOURCE: Dep. Ind. Chem., Kyoto Univ., Kyoto, 606, Japan
 SOURCE: Chemistry Letters (1980), (12), 1609-12
 CODEN: CMLTAG; ISSN: 0366-7022
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 76567-85-6P
 RL: PREP (Preparation)
 (preparation of, by electrochem. deacetylation of corresponding acetamido triacetyldeoxyglucopyranoside on gold in methanol)
 RN 76567-85-6 CAPLUS
 CN α -D-Glucopyranoside, methyl 2-(acetylamino)-2-deoxy-, 6-acetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



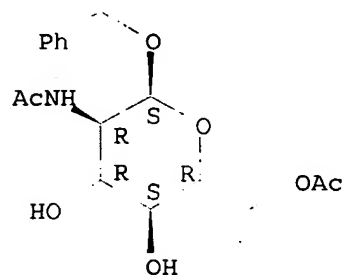
L4 ANSWER 31 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1980:550521 CAPLUS
 DOCUMENT NUMBER: 93:150521
 TITLE: Simple synthesis of the determinant trisaccharide of the Lea blood group
 AUTHOR(S): Bovin, N. V.; Zurabyan, S. E.; Khorlin, A. Ya.
 CORPORATE SOURCE: M. M. Shemyakin Inst. Bioorg. Chem., Moscow, USSR
 SOURCE: Bioorganicheskaya Khimiya (1980), 6(5), 789-90
 CODEN: BIKHD7; ISSN: 0132-3423
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 IT 67535-71-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (glycosidation of, by acetobromogalactose)
 RN 67535-71-1 CAPLUS
 CN α -D-Glucopyranoside, phenylmethyl 2-(acetylamino)-2-deoxy-, 6-acetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



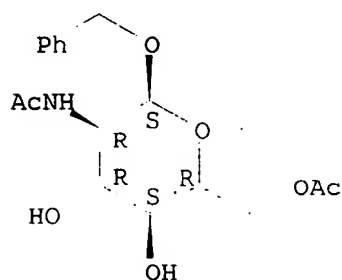
L4 ANSWER 32 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1979:611742 CAPLUS
 DOCUMENT NUMBER: 91:211742
 TITLE: Recent advances in glycosylation reactions
 AUTHOR(S): Sinay, Pierre
 CORPORATE SOURCE: Univ. Orleans, Orleans, Fr.
 SOURCE: Pure and Applied Chemistry (1978), 50(11-12), 1437-52
 CODEN: PACHAS; ISSN: 0033-4545
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 67535-71-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (glycosylation of, in the presence of mercuric bromide and mol. sieve)
 RN 67535-71-1 CAPLUS
 CN α -D-Glucopyranoside, phenylmethyl 2-(acetylamino)-2-deoxy-,
 6-acetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 33 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1978:529831 CAPLUS
 DOCUMENT NUMBER: 89:129831
 TITLE: Synthesis of 3-O-(β -D-galactopyranosyl)-,
 6-O-(α -L-fucopyranosyl)-, and
 4-O-(α -L-fucopyranosyl)-N-acetyl-D-glucosamine
 by the diphenylcyclopropenyl method
 AUTHOR(S): Zurabyan, S. E.; Kolomeer, G. G.; Khorlin, A. Ya.
 CORPORATE SOURCE: M. M. Shemyakin Inst. Bioorg. Chem., Moscow, USSR
 SOURCE: Bioorganicheskaya Khimiya (1978), 4(5), 654-63
 CODEN: BIKHD7; ISSN: 0132-3423
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 IT 67535-71-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 67535-71-1 CAPLUS
 CN α -D-Glucopyranoside, phenylmethyl 2-(acetylamino)-2-deoxy-,
 6-acetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.

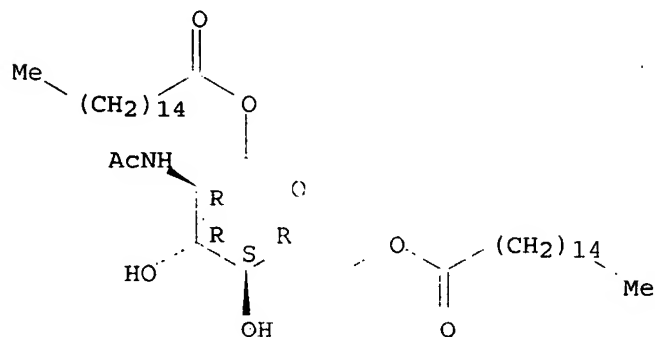


L4 ANSWER 34 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1975:171362 CAPLUS
 DOCUMENT NUMBER: 82:171362
 TITLE: 2-Acetoamido-6- or -1,6-di-fatty acid-D-glucose
 INVENTOR(S): Matsumura, Yoshio; Tobari, Yoshio
 PATENT ASSIGNEE(S): Nippon Chemical Co., Ltd.
 SOURCE: Jpn. Tokkyo Koho, 2 pp.
 CODEN: JAXXAD
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 49020763	B	19740527	JP 1970-115327	19701221

PRIORITY APPLN. INFO.:
 IT 55458-26-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 55458-26-9 CAPLUS
 CN D-Glucopyranose, 2-(acetylamino)-2-deoxy-, 1,6-dihexadecanoate (9CI) (CA INDEX NAME)

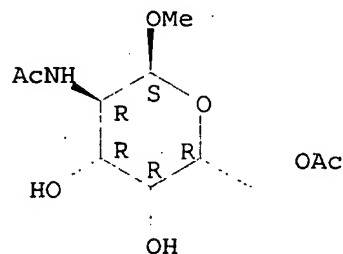
Absolute stereochemistry.



L4 ANSWER 35 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1973:442801 CAPLUS
 DOCUMENT NUMBER: 79:42801
 TITLE: Selective sulfation of the axial hydroxyl group in methyl 2-acetamido-6-O-acetyl-2-deoxy- α -D-galactopyranoside with sulfur trioxide-pyridine
 AUTHOR(S): Hirano, Shigehiro
 CORPORATE SOURCE: Dep. Agric. Biol. Chem., Tottori Univ., Tottori, Japan

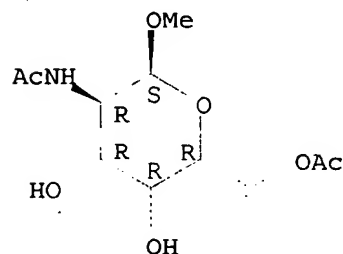
SOURCE: Carbohydrate Research (1973), 27(1), 265-7
 CODEN: CRBRAT; ISSN: 0008-6215
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 42776-67-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and selective sulfation of)
 RN 42776-67-0 CAPLUS
 CN α -D-Galactopyranoside, methyl 2-(acetylamino)-2-deoxy-, 6-acetate
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 42776-67-0
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (selective sulfation of)
 RN 42776-67-0 CAPLUS
 CN α -D-Galactopyranoside, methyl 2-(acetylamino)-2-deoxy-, 6-acetate
 (9CI) (CA INDEX NAME)

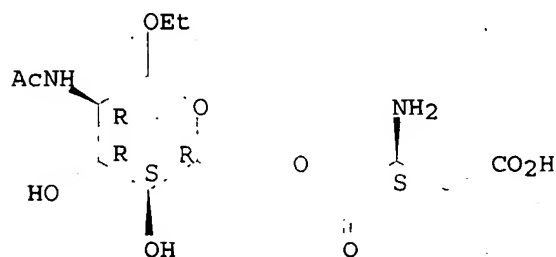
Absolute stereochemistry.



L4 ANSWER 36 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1967:55672 CAPLUS
 DOCUMENT NUMBER: 66:55672
 TITLE: Studies on 2-amino-2-deoxy-D-glucopyranose
 derivatives. XIV. Comparison of stabilities of
 O-aminoacyl derivatives of 2-acetamido-2-deoxy-D-
 glucose toward hydrolysis
 AUTHOR(S): Yoshimura, Juji; Funabashi, Masuo; Ishige, Sadao;
 Sato, Tetsuo
 CORPORATE SOURCE: Inst. Technol., Tokyo, Japan
 SOURCE: Carbohydrate Research (1967), Volume Date 1966, 3(2),
 214-19
 CODEN: CRBRAT; ISSN: 0008-6215
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 3877-52-9
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (hydrolysis of)
 RN 3877-52-9 CAPLUS

CN Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-(4-hydrogen L-aspartate),
D- (8CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 37 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1965:424401 CAPLUS

DOCUMENT NUMBER: 63:24401

ORIGINAL REFERENCE NO.: 63:4375b-c

TITLE: Synthesis of 2-acetamido-2-deoxy-3-O-(β -D-galactopyranosyl)- α -D-galactose

AUTHOR(S): Flowers, H. M.; Shapiro, David

CORPORATE SOURCE: Weizmann Inst. Sci., Rehovoth, Israel

SOURCE: Journal of Organic Chemistry (1965), 30(6), 2041-3
CODEN: JOCEAH; ISSN: 0022-3263

DOCUMENT TYPE: Journal

LANGUAGE: English

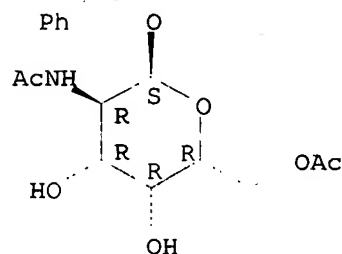
IT 3554-92-5P, Galactopyranoside, benzyl 2-acetamido-2-deoxy-,
6-acetate, α -D-

RL: PREP (Preparation)
(preparation of)

RN 3554-92-5 CAPLUS

CN Galactopyranoside, benzyl 2-acetamido-2-deoxy-, 6-acetate, α -D-
(8CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 38 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1965:74471 CAPLUS

DOCUMENT NUMBER: 62:74471

ORIGINAL REFERENCE NO.: 62:13218d-h

TITLE: Synthesis of 2-acetamido-6-O-aminoacyl-2-deoxy-D-glucoses

AUTHOR(S): Yoshimura, Juji; Funabashi, Masuo; Ishige, Sadao;
Sato, Tetsuo

CORPORATE SOURCE: Tokyo Inst. Technol.

SOURCE: Nippon Kagaku Zasshi (1964), 85(8), 511-14
CODEN: NPKZAZ; ISSN: 0369-5387

DOCUMENT TYPE: Journal

LANGUAGE: Japanese

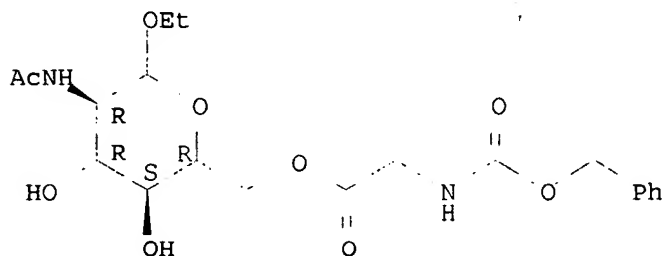
IT 3877-47-2 4119-57-7

(Derived from data in the 7th Collective Formula Index (1962-1966))

RN 3877-47-2 CAPLUS

CN Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with N-carboxyglycine N-benzyl ester, D- (8CI) (CA INDEX NAME)

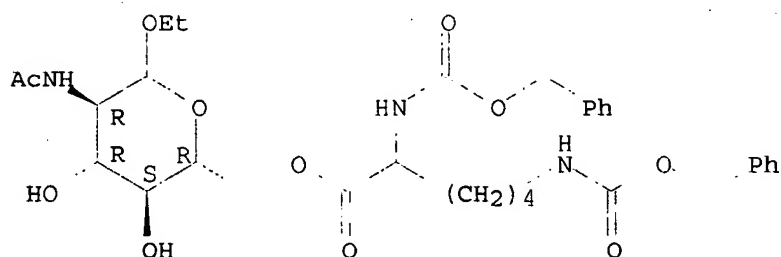
Absolute stereochemistry.



RN 4119-57-7 CAPLUS

CN Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with N2,N6-dicarboxyllysine N2,N6-dibenzyl ester, D- (8CI) (CA INDEX NAME)

Absolute stereochemistry.



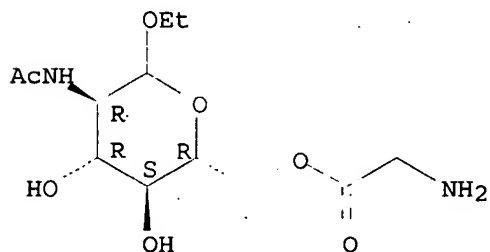
IT 3877-48-3P, Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with glycine, D- 3877-49-4P, Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with glycine, oxalate (2:1), D- 3877-50-7P, Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with lysine, D- 3877-51-8P, Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with lysine, oxalate (1:1), D- 3877-52-9P, Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6- α -aspartate, D- 3905-54-2P, Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with N-carboxyaspartic acid N,4-dibenzyl ester, D-

RL: PREP (Preparation)
(preparation of)

RN 3877-48-3 CAPLUS

CN Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with glycine, D- (8CI) (CA INDEX NAME)

Absolute stereochemistry.

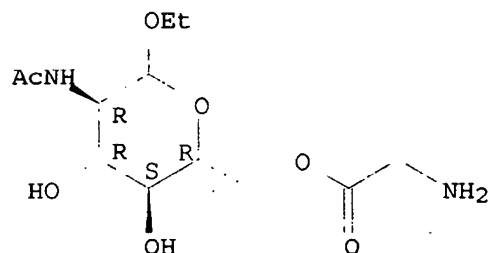


RN 3877-49-4 CAPLUS
CN Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with glycine, oxalate
(2:1), D- (8CI) (CA INDEX NAME)

CM 1

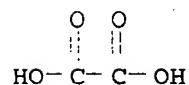
CRN 3877-48-3
CMF C12 H22 N2 O7

Absolute stereochemistry.



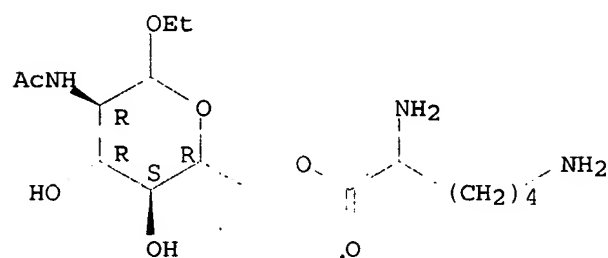
CM 2

CRN 144-62-7
CMF C2 H2 O4



RN 3877-50-7 CAPLUS
CN Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with lysine, D- (8CI)
(CA INDEX NAME)

Absolute stereochemistry.

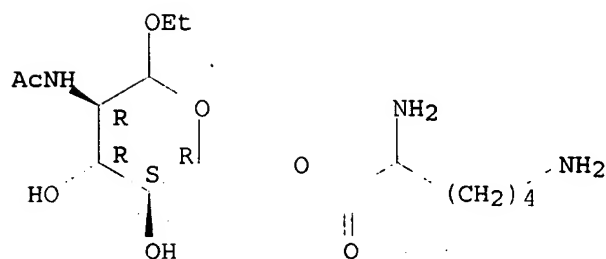


RN 3877-51-8 CAPLUS
CN Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with lysine, oxalate
(1:1), D- (8CI) (CA INDEX NAME)

CM 1

CRN 3877-50-7
CMF C16 H31 N3 O7

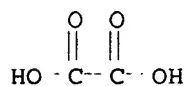
Absolute stereochemistry.



CM 2

CRN 144-62-7

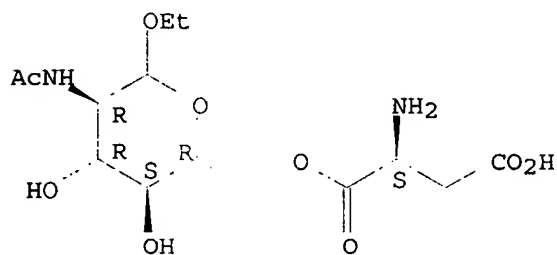
CMF C2 H2 O4



RN 3877-52-9 CAPLUS

CN Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-(4-hydrogen L-aspartate), D- (8CI) (CA INDEX NAME)

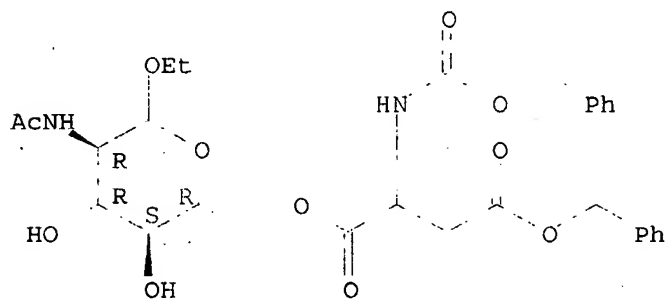
Absolute stereochemistry.



RN 3905-54-2 CAPLUS

CN Glucopyranoside, ethyl 2-acetamido-2-deoxy-, 6-ester with N-carboxyaspartic acid N,4-dibenzyl ester, D- (8CI) (CA INDEX NAME)

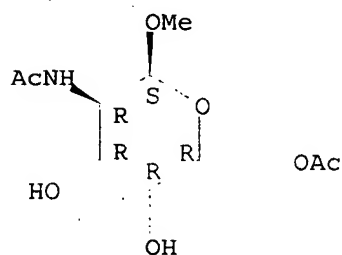
Absolute stereochemistry.



L4 ANSWER 39 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1959:50826 CAPLUS
 DOCUMENT NUMBER: 53:50826
 ORIGINAL REFERENCE NO.: 53:9076a-i,9077a-d

TITLE: 6- (O-Methyl) -D-galactosamine hydrochloride (2-amino-2-deoxy-6- (O-methyl) -D-galactose hydrochloride)
 AUTHOR(S): Stoffyn, Pierre J.; Jeanloz, Roger W.
 CORPORATE SOURCE: Harvard Med. School, Boston, MA
 SOURCE: Journal of the American Chemical Society (1958), 80, 5690-2
 CODEN: JACSAT; ISSN: 0002-7863
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 IT 42776-67-0P, Galactopyranoside, methyl 2-acetamido-2-deoxy-, 6-acetate
 RL: PREP (Preparation)
 (preparation of)
 RN 42776-67-0 CAPLUS
 CN α -D-Galactopyranoside, methyl 2-(acetylamino)-2-deoxy-, 6-acetate
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
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